

10/550534

Docket No. 277078US2PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Kentarou TAMAKI, et al.

JC20 Rec'd PCT/PTO 22 SEP 2005

SERIAL NO: New U.S. PCT Application Based on PCT/JP04/04242

GAU:

FILED: Herewith

EXAMINER:

FOR: OPTICAL WAVEGUIDE CHIP AND OPTICAL COMPONENT COMPRISING SAME

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 277078US2PCT		SERIAL NO.		New U.S. PCT Application Based on PCT/JP04/04242		
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Kentarou TAMAKI, et al.						
				FILING DATE Herewith				GROUP		
U.S. PATENT DOCUMENTS										
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE			
	AA									
	AB									
	AC									
	AD									
	AE									
	AF									
	AG									
	AH									
	AI									
	AJ									
	AK									
	AL									
	AM									
	AN									
FOREIGN PATENT DOCUMENTS										
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO					
	AO	2000-105324	04/11/00	JP(with English abstract)		NO				
	AP	2000-131556	05/12/00	JP(with English abstract)		NO				
	AQ	2001-255428	09/21/01	JP(with English abstract)		NO				
	AR	01-316710	12/21/89	JP(with English abstract)		NO				
	AS	02-062502	03/02/90	JP(with English abstract)		NO				
	AT									
	AU									
	AV									
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)										
	AW									
	AX									
	AY									
	AZ						<input type="checkbox"/> Additional References sheet(s) attached			
Examiner					Date Considered					
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.										

New U.S. PCT Application Based on PCT/JP04/04242
Docket No.: 277078US2PCT

STATEMENT OF RELEVANCY

- 1) References AO-AQ have been cited in the International Search Report. Copies of these references are being submitted herewith.
- 2) Reference _____ have been cited in the corresponding _____ Search Report. A copy of this reference is being submitted herewith.
- 3) References AR and AS are discussed in the specification. A copy of these references is being submitted here with.
- 4) Reference _____ is additional prior art known to Applicant. A copy of these references is being submitted herewith.

AO	JP 2000-105324	discloses a structure for connecting an optical waveguide with an optical fiber. This structure includes an optical fiber fixing groove 4 formed on a substrate 4. Discloses that examples of the material of an optical waveguide include siloxane-based polymer in paragraph [0038] on page 5.
AP	JP 2000-131556	discloses a structure for connecting an optical waveguide with an optical fiber. This structure includes an optical fiber fixing groove 4 formed on a substrate 4. Discloses that examples of the material of an optical waveguide include siloxane-based polymer in paragraph [0040] on page 5.
AQ	JP 2001-255428	discloses a structure comprising a core 1, and a clad 2 having an optical fiber connecting hole 4. Discloses that examples of the material of a core 1 and clad 2 include polysiloxane in paragraph [0016] on page 3.
AR	JP 01-316710	discloses an optical device including a guide 2 for optical axial alignment.

STATEMENT OF RELEVANCY

AS JP 02-062502 discloses a new optical device including a guide 2 for optical axis alignment, and an optical waveguide 3.

AO-AS do not disclose an optical waveguide chip which includes an optical fiber guide portion and is composed of a cured radiation-sensitive polysiloxane composition, and which is formed by alkali developing.